



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Alex Conta et al.

SERIAL NO.: 10/691,109

GROUP ART UNIT: 2142

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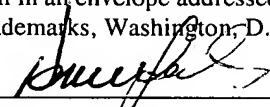
EXAMINER:

FOR: Methods and Apparatus for  
Implementing Multiple Types  
of Network Tunneling in a  
Uniform Manner

ATT'Y DOCKET: TRA-084

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited on  
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David S. Jacobson  
Reg. No. 39,235

4/13/04  
Date

Sir:

SUBMITTAL OF  
DOCUMENTS PURSUANT TO DUTY OF DISCLOSURE

Pursuant to applicant's duty of disclosure 37 CFR Section 1.56, enclosed is a completed form PTOL-1449 as well as copies of the cited documents which relate to the above-referenced patent application. Since this document submittal is being presented prior to the first examination on the merits, no fee is due herewith.

The attached documents are as follows:

"Multiprotocol Label Switching Architecture" specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements.

"MPLS Label Stack Encoding" specifies the encoding to be used by an LSR in order to transmit labeled packets on PPP data links and on LAN data links. It also specifies rules and procedures for processing the various fields of the label stack encoding.

"Layer Two Tunneling Protocol "L2TP". L2TP facilitates the tunneling of PPP packets across an intervening network in a way that is as transparent as possible to both end-users and applications.

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"IP Encapsulation Within IP" specifies a method by which an IP datagram may be encapsulated (carried as a payload) within an IP datagram. Encapsulation may serve a variety of purposes, such as delivery of a datagram to a mobile node using Mobile IP.

"Generic Packet Tunneling in Ipv6 Specification" defines the model and generic mechanisms for Ipv6 encapsulation of Internet packets, such as Ipv6 and Ipv4.

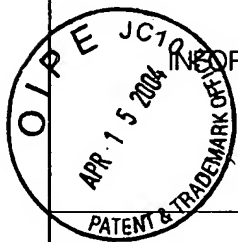
The listed documents are brought to the Examiner's attention because they are known to the applicant and/or the applicant's attorney and may be considered by the Examiner to be material to his/her examination. This listing should not be construed as representation that a search has been made or that no better art exists. No inference should be made that the documents are in fact material merely because they are referenced herein. Moreover, no representation is made that the brief descriptions of the references herein necessarily describe the most material aspects of the references. Further, by this listing, the applicant is not making any admission regarding the relative dates of the invention and listed disclosures.

Respectfully submitted,



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## INFORMATION DISCLOSURE CITATION

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Atty Docket No.  
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Multiprotocol Label Switching Architecture", Rosen, et al. ; January 2001 The Internet Society
		"MPLS Label Stack Encoding", Rosen et al., January, 2001; The Internet Society
		"Layer Two Tunneling Protocol "L2TP", Townsley et al., August 1999; The Internet Society
		"IP Encapsulation Within IP", Perkins et al.; October 1996;
		"Generic Packet Tunneling in Ipv6 Specification"; Conta & Deering; December 1998; The Internet Society

EXAMINER

DATE CONSIDERED